

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Tajinder Manku et al.  
Serial No.: 09/934,339  
Filed: August 21, 2001  
Title: FILTERS IMPLEMENTED IN INTEGRATED CIRCUITS

Examiner: Seungsook Ham  
Group Art Unit: 2817  
Docket: G&C 1197-US-U1

DECLARATION OF TAJINDER MANKU UNDER 37 C.F.R. § 1.132

I, TAJINDER MANKU, declare as follows:

1. I am a named inventor on the patent application identified above, and am authorized by the Assignee to make this declaration.

2. Bish Ray and myself are the only inventors of the subject matter claimed in the above-identified patent application.

3. The paper entitled "A Highly Linear BiPolar 1V Folded Cascode 1.9GHZ Low Noise Amplifier", IEEE BCTM 10.2, pages 157-160, 1999, was published only as early as September 26, 1999. This is evidenced by the Micronet.news publication, dated May 1999, a copy of which is attached hereto. On page 4, third column, the Micronet.news publication identifies the IEEE Bipolar/BiCMOS Circuits and Technology Meeting as occurring from September 26-28, 1999. The paper entitled "A Highly Linear BiPolar 1V Folded Cascode 1.9GHZ Low Noise Amplifier" was published at this meeting.

4. R.D. Beards, J.J. Nisbet and W. Kung were named as co-authors, together with Bish Ray and myself, on the paper entitled "A Highly Linear BiPolar 1V Folded Cascode 1.9GHZ Low Noise Amplifier." R.D. Beards, J.J. Nisbet and W. Kung were named as co-authors of the paper because they provided technical assistance, while working under the direction and supervision of the inventors, Bish Ray and myself. However, R.D. Beards, J.J. Nisbet and W. Kung are not inventors of the subject matter claimed in the above-identified patent application.

5. I further declare that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date:

Dec 16/2002

TAJINDER MANKU

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DEC 16 2002

TECHNOLOGY CENTER 2800

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	Tajinder Manku et al	Examiner	Seungsook Ham
Serial No.:	09/934,339	Group Art Unit	2817
Filed:	August 21, 2001	Docket	G&C 119.7-US-U1
Title:	<u>FILTERS IMPLEMENTED IN INTEGRATED CIRCUITS</u>		

DECLARATION OF BISH RAY UNDER 37 C.F.R. 61.132

## I, BISH RAY, declare as follows:


1. I am a named inventor on the patent application identified above, and am authorized by the Assignee to make this declaration.

2. Tajinder Manku and myself are the only inventors of the subject matter claimed in the above-identified patent application.

3. The paper entitled "A Highly Linear BiPolar 1V Folded Cascode 1.9GHZ Low Noise Amplifier", IEEE BCTM 10.2, pages 157-160, 1999, was published only as early as September 26, 1999. This is evidenced by the Micronet news publication, dated May 1999, a copy of which is attached hereto. On page 4, third column, the Micronet news publication identifies the IEEE Bipolar/BiCMOS Circuits and Technology Meeting as occurring from September 26-28, 1999. The paper entitled "A Highly Linear BiPolar 1V Folded Cascode 1.9GHZ Low Noise Amplifier" was published at this meeting.

4. R.D. Beards, J.J. Nisbet and W. Kung were named as co-authors, together with Tajinder Manku and myself, on the paper entitled "A Highly Linear BiPolar 1V Folded Cascode 1.9GHZ Low Noise Amplifier." R.D. Beards, J.J. Nisbet and W. Kung were named as co-authors of the paper because they provided technical assistance, while working under the direction and supervision of the inventors, Tajinder Manku and myself. However, R.D. Beards, J.J. Nisbet and W. Kung are not inventors of the subject matter claimed in the above-identified patent application.

5. I further declare that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: DEC 16<sup>th</sup>, 2002  
BISH RAY

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BISH RAY

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